

In The Claims:

This listing of claims will replace all prior versions, and listings, of respective claims in the application:

1. (Currently Amended) A probe of a medical instrument that is intended for insertion into a patient's body orifice, such probe has an inner surface and the outer surface which is shaped to contain at least one cavity encircled by a ridge.
2. (Currently Amended) A probe of claim 1 where said cavity is covered by outer thin skin that is permanently attached to said ~~outer surface~~ ridge.
3. Cancelled
4. (Currently Amended) A probe of claim 3 1 where said which contains multiple cavities being are randomly distributed along said outer surface.
8. (Currently Amended) A method of thermal insulation of a medical probe of claim 7, further comprising a step of covering said indentations with a layer of thin protective material having low thermal conductivity.

REMARKS

This Amendment is submitted in response to the non-final Office Action mailed on May 21, 2004. Specification and Drawings have been corrected.

Claims 1, 2 and 4 have been amended. Claim 3 is combined with claim 1 and therefore cancelled as dependent claim. In view of the foregoing amendments, as well as the following remarks, Applicant respectfully submits that this application is in complete condition for allowance and request reconsideration of the application in this regard.